

1   **That which is claimed:**

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3   1.     A method of treating an osteolytic bone lesion, comprising the steps of:  
4         making a first hole in the bone adjacent said bone lesion;  
5         making a second hole in the skin and bone adjacent said bone lesion;  
6         attaching a source of negative pressure to said second hole;  
7         attaching a source of fluid to said first hole;  
8         injecting said fluid through said first hole and into said bone; and  
9         whereby said fluid mixes with said bone lesion and both said fluid and  
10        bone lesion are sucked out of said bone through said second hole, by said  
11        negative pressure.

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13   2.     The method according to claim 1, further comprising the steps of, whereby  
14        after said fluid and bone lesion are sucked out,,:  
15         detaching said source of fluid from said first hole;  
16         attaching a source of bioimplantable material to said first hole; and  
17         injecting said bioimplantable material through said first hole and into said  
18        bone.

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20   3.     The method according to claim 2, wherein said bioimplantable material is  
21        a bioabsorbable material.

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23   4.     The method according to claim 3, wherein said bioabsorbable material

1 includes calcium sulfate.

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3 5. The method according to claim 2, further comprising the step of using an  
4 arthroscopic instrument to macerate said bone defect.

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6 6. The method according to claim, 2, wherein said bone lesion further  
7 comprises a bone cyst.